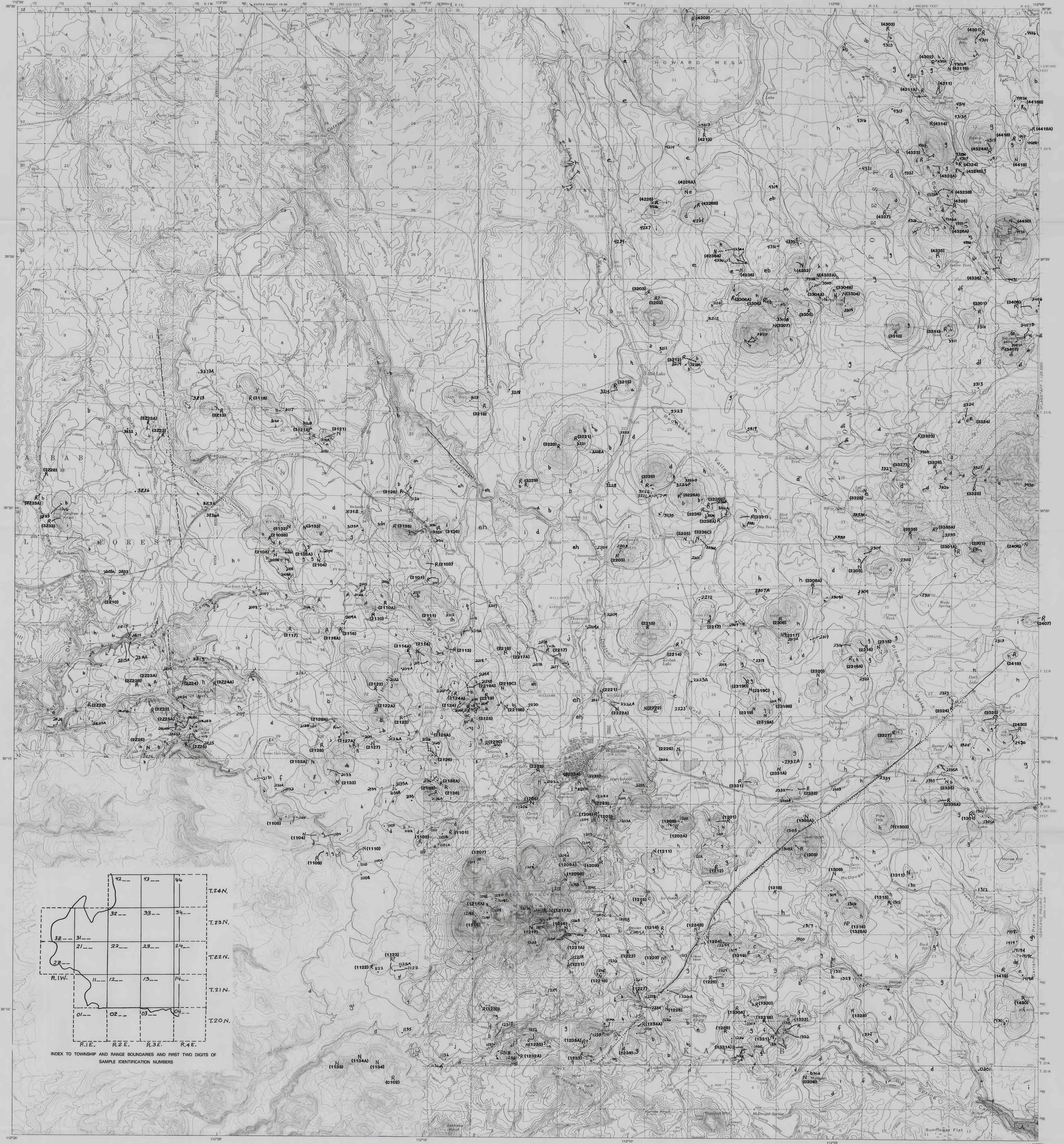




Base from U.S. Geological Survey
1:62,500, Bill Williams Mountain and
Mount Huachuca, 1962, Williams, 1960;
1:24,000 (preliminary version), McAllister
Reservoir, 1976

SCALE 1:50,000
CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Geology mapped in 1974-1979.
(Also see Fig. 1)

MAP B.-BASALT TYPES, MAGNETIC POLARITIES, AND SAMPLE LOCALITIES

EXPLANATION FOR MAP B
[Geologic line work is shown. See Map A for geologic map symbols
and other geologic annotation]

BASALT LITHOLOGIC TYPES—See "Basalt Types" for full
descriptions. Where more than one type is
indicated, first letter denotes predominant type

- a Picritic basalt
- b Clinopyroxene-olivine-phyric basalt
- c Clinopyroxene-phyric basalt
- d Olivine-phyric basalt
- e Plagioclase-phyric basalt
- f Quartz basalt
- g Microporphyrific olivine basalt
- h Aphyric basalt
- i Slightly porphyritic basalt
- j Clinopyroxene-rich basalt
- k Contaminated basalt

*1123A LOCALITY OF ANALYZED ROCK SAMPLE, SHOWING SAMPLE
NUMBER—See "Mapping and Map Conventions" for
explanation of numbering system

MAGNETIC POLARITY—Placement of letter or end of leader
marks magnetopolarity sampling locality

N Normal

R Reversed

(1127) SAMPLE NUMBER FOR MAGNETIC-POLARITY DETERMINATION—See
"Mapping and Map Conventions" for explanation of
numbering system

GEOLOGIC MAP OF THE SOUTHWEST PART OF THE SAN FRANCISCO VOLCANIC FIELD, NORTH-CENTRAL ARIZONA

By

Christopher G. Newhall, George E. Ulrich, and Edward W. Wolfe

1987

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1987
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